

# CariCOF Drought Outlook

By the end of June 2022

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## Participating territories

Antigua & Barbuda, Aruba, Bahamas, Barbados, Belize, Cayman Islands, Cuba, Curaçao, Dominica, Dominican Republic, French Guiana, Grenada, Guadeloupe, Guyana, Haiti, Jamaica, Martinique, Puerto Rico, St. Barth's, St. Kitts & Nevis, St. Lucia, St. Maarten/St-Martin, St. Vincent & the Grenadines, Suriname, Trinidad & Tobago and the US Virgin Islands

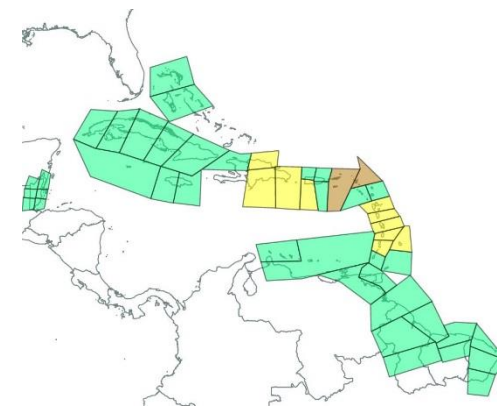
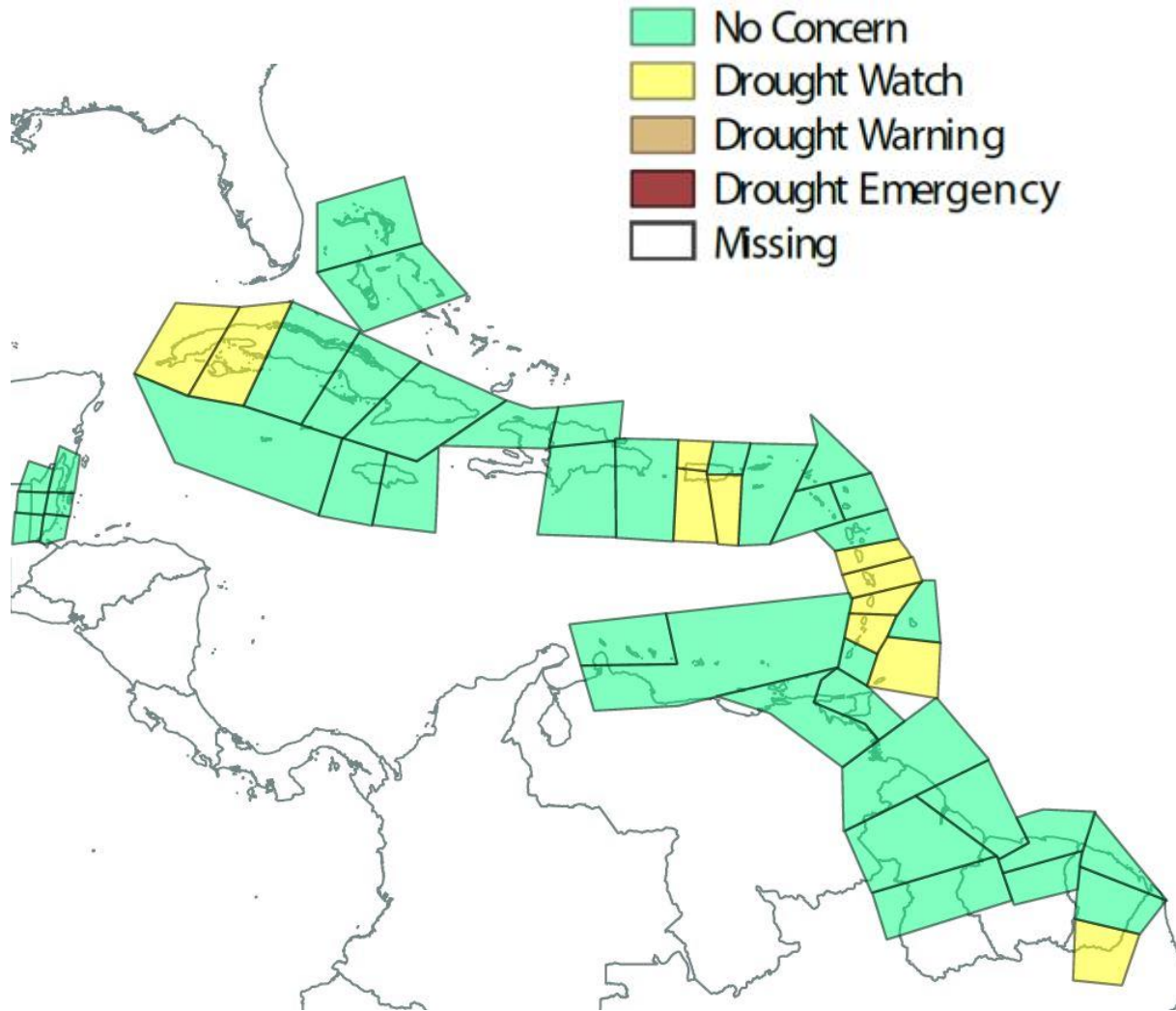


# What is the predicted short term drought concern by the end of June 2022?

## Current update (March 2022):

We are currently in the second half of the dry season. Currently, no major shorter term drought concern is developing throughout the region. However,

- a **drought watch** should be considered for western Cuba, Dominica, southern French Guiana, Martinique, Puerto Rico, Saint Lucia, Saint Vincent, and Tobago.



## Short term drought alert levels by the end of June 2022

(updated March 2022 – covering January to June 2022)

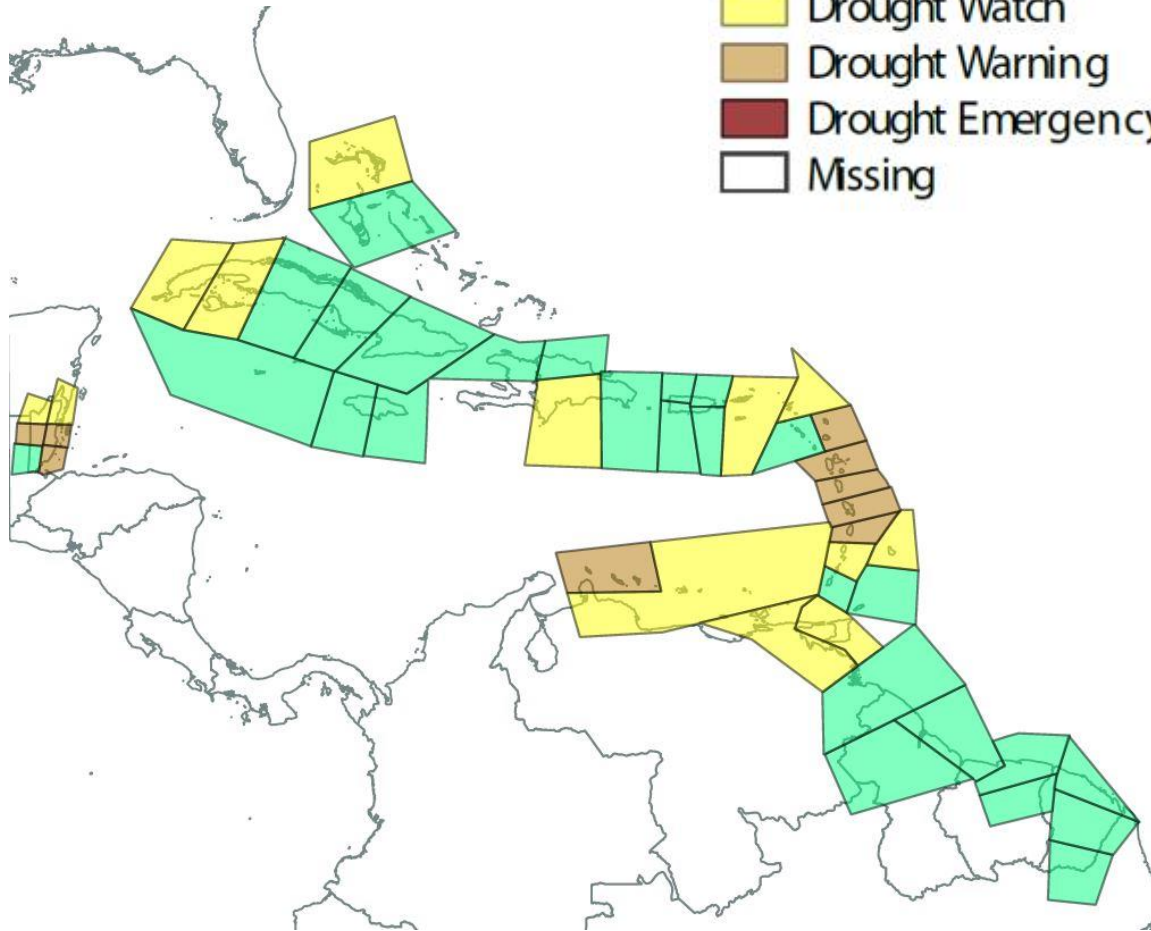
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For climate information specific to your country, please consult with your national meteorological service. *CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.*



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# What is the predicted long term drought concern by the end of May 2022?



- This 12-month SPI-based drought outlook uses observations through February 2022, with potential impacts on large surface water reservoirs and groundwater. In general, impacts are expected if the 12-month SPI is  $\leq -0.8$  (*moderately dry or worse* – ref.: CDPMN).
- A **drought warning** should be considered for Antigua, Aruba, central and southern Belize, Dominica, Guadeloupe, Martinique, Saint Lucia.
- A **drought watch** should be considered for northern parts of The Bahamas, Barbados, northern Belize, western Cuba, southern parts of The Dominican Republic, the USVI, Saint Martin, Saint Vincent and Trinidad.

## Long term drought alert levels by the end of May 2022

(updated March 2022 – covering June 2021 to May 2022)

For climate information specific to your country, please consult with your national meteorological service. CariCOF outlooks speak to recent and expected climate trends across the Caribbean in general.

# Drought outlook – shorter-/longer-term concern?

- Current drought situation (up to the end of February 2022): (*more information [here](#)*)
  - Moderate (or worse) shorter term drought has developed in Antigua, Dominica, Guadeloupe, Martinique, Saint Lucia, and Saint Vincent.
  - Moderate (or worse) long term drought has developed in Antigua, northwest Bahamas, western Cuba, Dominica, southeastern Dominican Republic, Guadeloupe, Martinique, Saint Kitts, Saint Lucia, and Saint Vincent.
- Shorter term drought situation (by the end of May 2022):
  - Short term drought might possibly develop or continue in western Cuba, Dominica, southern French Guiana, Martinique, Puerto Rico, Saint Lucia, Saint Vincent, and Tobago.
- Long term drought situation (by the end of May 2022):
  - Long term drought is evolving in Antigua, Aruba, central and southern Belize, Dominica, Guadeloupe, Martinique, Saint Lucia.
  - Long term drought might possibly develop in northern parts of The Bahamas, Barbados, northern Belize, western Cuba, southern parts of The Dominican Republic, the USVI, Saint Martin, Saint Vincent and Trinidad.
  - Areas ending up in long term drought by the end of May may experience significantly reduced water levels in large reservoirs, large rivers and groundwater during the dry season.

*\* We advise all stakeholders to keep monitoring drought and look for our monthly updates. \**

**CONTINUE TO MONITOR &  
CONSERVE WATER !!**

ALERT LEVEL	MEANING	ACTION LEVEL
<b>NO CONCERN</b>	No drought concern	<ul style="list-style-type: none"> <li>✓ <b>monitor resources</b></li> <li>✓ update and ratify management plans</li> <li>✓ public awareness campaigns</li> <li>✓ upgrade infrastructure</li> </ul>
<b>DROUGHT WATCH</b>	Drought possible	<ul style="list-style-type: none"> <li>✓ <b>keep updated</b></li> <li>✓ protect resources and conserve water</li> <li>✓ implement management plans</li> <li>✓ response training</li> <li>✓ monitor and repair infrastructure</li> </ul>
<b>DROUGHT WARNING</b>	Drought evolving	<ul style="list-style-type: none"> <li>✓ <b>protect resources</b></li> <li>✓ conserve and recycle water</li> <li>✓ implement management plans</li> <li>✓ release public service announcements</li> <li>✓ last minute infrastructural repairs and upgrades</li> <li>✓ report impacts</li> </ul>
<b>DROUGHT EMERGENCY</b>	Drought of immediate concern	<ul style="list-style-type: none"> <li>✓ <b>release public service announcements</b></li> <li>✓ implement management and response plans</li> <li>✓ enforce water restrictions and recycling</li> <li>✓ enforce resource protection</li> <li>✓ repair infrastructure</li> <li>✓ report impacts</li> </ul>





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